

**EFFECT OF POLYMERS IN THE FORMULATION OF
SUSTAINED RELEASE TABLETS OF GUAIFENESIN
USING VARIOUS HYDROPHILIC POLYMERS**

DISSERTATION SUBMITTED TO



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements For The Award of Degree of

**MASTER OF PHARMACY
IN
PHARMACEUTICS**

Submitted by

K.SINDHU

(Reg. No. 19GN1S0304)

Under the guidance of
Mrs.B.MANJULA M. Pharm, (Ph.D)
ASSOCIATE PROFESSOR



**Avanathi Institute Of Pharmaceutical Sciences
Gunthapally, Hayathnagar, R.R Dist, Hyderabad
DECEMBER-2021**

FORMULATION AND EVALUATION OF EFFERVESCENT FLOATING TABLETS OF ACYCLOVIR.

Dissertation Submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements For The Award of Degree of

MASTER OF PHARMACY

In

Pharmaceutics

Submitted By

G.SATYAVATHI
(Reg NO.19GN1S0311)

Under The Guidance Of

Dr. RAMA KRISHNA MUNGI, M. pharm, Ph. D
ASSOCIATE PROFESSOR



Avanthi Institute of Pharmaceutical Sciences
Gunthapally, Hayathnagar, R.R Dist, Hyderabad

**METHOD DEVELOPMENT AND VALIDATION OF
IMPURITIES DETERMINATION OF ANTICANCER DRUGS
IMATINIB AND SORAFINIB BY USING HPLC,UPLC.**

Dissertation Submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements
For The Award of Degree of

**M.PHARMACY
IN
PHARMACEUTICAL ANALYSIS**

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Roll number: 19GN1S1204**

Under The Guidance Of
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M. Pharm, Ph.D
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Department of Pharmaceutical Chemistry
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Gunthapally, Hayathnagar, R.R.Dist- 501512
September-2021

**LUBIPROSTONE BIOANALYTICAL METHOD
DEVELOPMENT BY HUMAN PLASMA BY LC-MS\MS**
Dissertation Submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements
For The Award of Degree of

**M.PHARMACY
IN
PHARMACEUTICAL ANALYSIS**

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**Name: LAKKIREDDY PRABHAKAR REDDY
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M. Pharm, Ph.D
Professor



Department of Pharmaceutical Chemistry
Avanathi Institute of Pharmaceutical Sciences
Gunthapally, Hayathnagar, R.R.Dist- 501512
September-2021

ANALYTICAL METHOD DEVELOPMENT FOR MIDODRINE AND
MEFLOQUINE DRUGS BY RP-HPLC AND LCMS
Dissertation Submitted to



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HYDERABAD**

In Partial Fulfillment of the Requirements
For The Award of Degree of

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IN
PHARMACEUTICAL ANALYSIS**

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Roll number: 19GN1S1206**

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Department of Pharmaceutical Chemistry
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Gunthapally, Hayathnagar, R.R.Dist- 501512
September-2021

**ESTIMATION OF METFORMIN HYDROCHLORIDE AND
VOGLIBOSE IN TABLET DOSAGE FORM BY RP-HPLC
METHOD**

Dissertation Submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements
For The Award of Degree of

**M.PHARMACY
IN
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Roll number: 19GN1S1207**

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Department of Pharmaceutical Chemistry
Avanathi Institute of Pharmaceutical Sciences
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September-2021

**A New Analytical reverse phase -HPLC method for the
estimation of letrozole in pure tablet form**

Dissertation Submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
HYDERABAD**

In Partial Fulfillment of the Requirements
For The Award of Degree of

**M.PHARMACY
IN
PHARMACEUTICAL ANALYSIS**

Submitted by

**Name: SOLLETI HARIKA
Roll number: 19GN1S1208**

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Department of Pharmaceutical Chemistry
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September-2021



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in the subject of Pharmaceuticals in general under regulation 18 and
Appendix C of Part I, Regulation 2008

Department	Date		Total duration (in months)
	From	To	
MEDICINE	01-08-2020	31-07-2021	One Year
PHARMACEUTICAL TECHNOLOGY	01-07-2021	01-07-2021	Two Months
PHARMACY	01-07-2021	01-07-2021	Two Months
SURGERY	06-07-2021	06-08-2021	Two Months

MR. *Krish*
Preceptor

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Avanthi Institute of Pharmaceutical Sciences

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DIRECTOR
K. J. Somaiya
K. J. Somaiya Institute of Pharmacy





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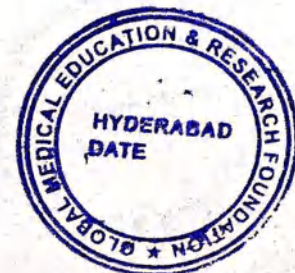
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Aware Global Hospital, L.B.Nagar
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
SURGERY	04-05-2021	03-07-2021	Two Months
PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R. Krishna
Preceptor

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Head of the Institute
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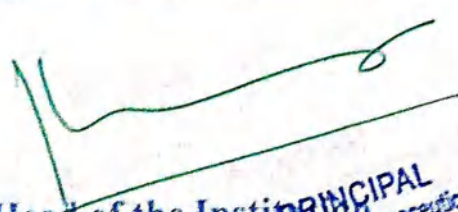


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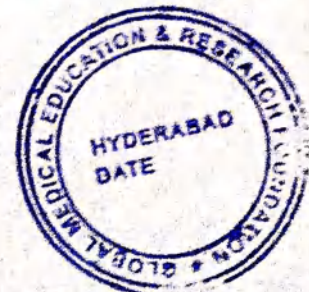
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ORTHOPAEDICS	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Kirby
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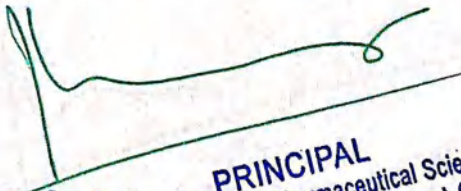
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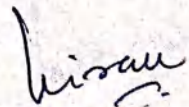


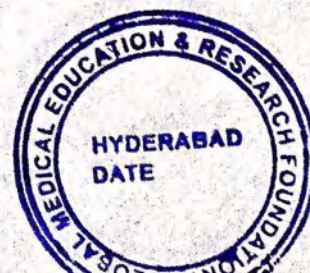
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Aware Global Hospital, L.B.Nagar
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
CARDIOLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R. King
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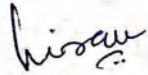


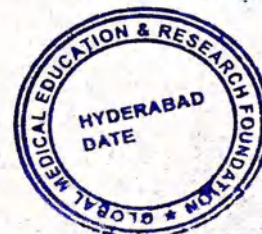
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Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
ONCOLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krishna
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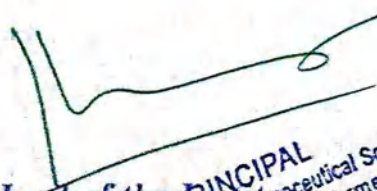
Aware Global Hospital, L.B.Nagar

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Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

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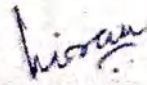


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M.R.King
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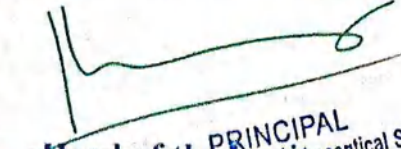


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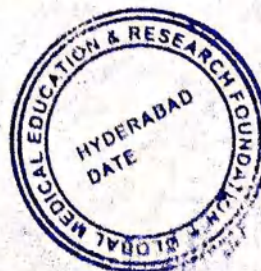
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M.R.Krish
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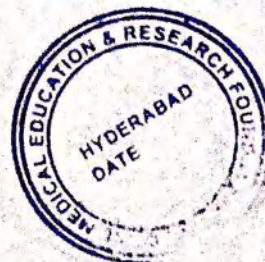
Department	Date		Total duration [in months]
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SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Kishu
Preceptor

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Head of the Institution
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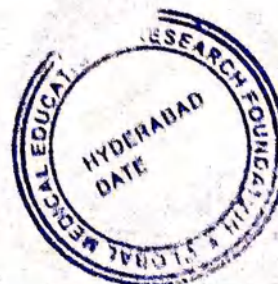
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GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krish
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Head of the Institute
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Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
PULMONOLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R.King
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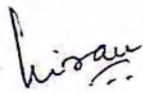


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M.R. Krishna
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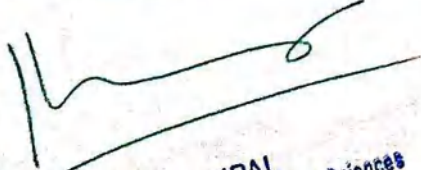


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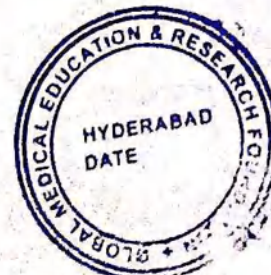
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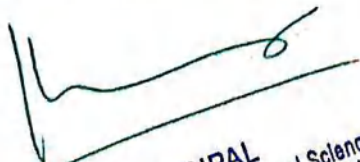


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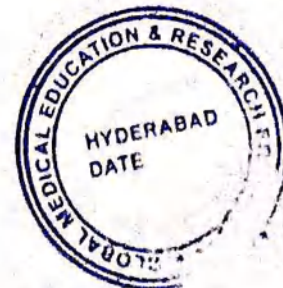
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ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
PSYCHIATRY	06-07-2021	04-09-2021	Two Months

M.R. King
Preceptor


Head of the Institute
Avanthi Institute of Pharmaceutical Sciences
Gunthapally (V), Abdullapurmet (M),
R.R. Dist.


DIRECTOR
GMERF,
Aware Global Hospital





AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, PCI & affiliated to JNTUH)
Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

CERTIFICATE OF INTERNSHIP

This is to certify that

KARUNAKARAN LINGAMPALLY

Reg.No- 15GN1T0011



of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist

has successfully completed the Internship at

Aware Global Hospital, L.B.Nagar

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M.R.Krish
Preceptor

Head of the Institute
Avanthi Institute of Pharmaceutical Sciences
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CERTIFICATE OF INTERNSHIP

This is to certify that
KADE KAMAKSHI LAVANYA
Reg.No- 15GNIT0010



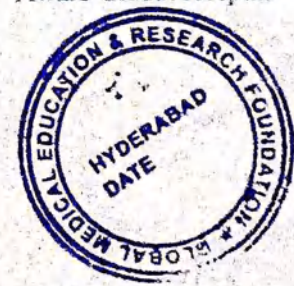
of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist
has successfully completed the Internship at
Aware Global Hospital, L.B.Nagar
in the following units/departments as prescribed under regulation 16 and
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PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krish
Preceptor

Head of the Institute
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AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Gunthapally(V), Abdullapurmet(M),Ranga Reddy Dist.501512

CERTIFICATE OF INTERNSHIP

This is to certify that

KADAGANCHI ARUN KUMAR

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has successfully completed the Internship at

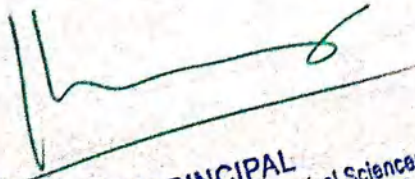
Aware Global Hospital, L.B.Nagar

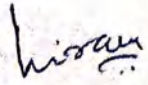
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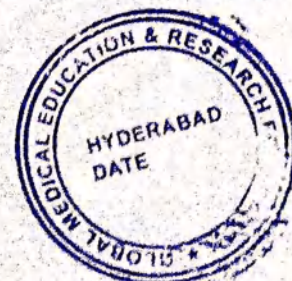
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
PSYCHIATRY	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krish
Preceptor


Head of the Institution
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CERTIFICATE OF INTERNSHIP



This is to certify that
BASAYAPALLY RUKMINI
Reg.No- 15GN1T0002

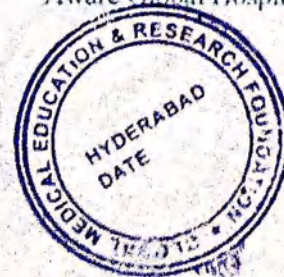
of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist
has successfully completed the Internship at
Aware Global Hospital, L.B.Nagar
in the following units/departments as prescribed under regulation 16 and
Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration [in months]
	From	To	
MEDICINE	01-09-2020	27-02-2021	Six Months
OB & G	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Kish
Preceptor

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R.R. Dist.

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AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Gunthapally(V), Abdullapurmet(M),Ranga Reddy Dist.501512

CERTIFICATE OF INTERNSHIP



This is to certify that
BORAVELLI ASHWINI NIKITHA
Reg.No- 15GN1T0003

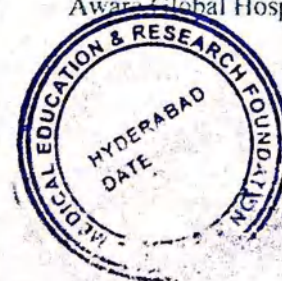
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Aware Global Hospital, L.B.Nagar
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PAEDIATRICS	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.Krish
Preceptor

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R.R. Dist.

DIRECTOR
GMERF,
Aware Global Hospital





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CERTIFICATE OF INTERNSHIP

This is to certify that

C SWATHI

Reg. No- 18GN19004



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Appendix C of Pharm D Regulations 2008.

Department	Date		Total duration (in months)
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MEDICINE	01-09-2020	27-02-2021	Six Months
GASTROENTEROLOGY	02-03-2021	01-05-2021	Two Months
ORTHOPAEDICS	04-05-2021	03-07-2021	Two Months
SURGERY	06-07-2021	04-09-2021	Two Months

M.R.R. J. B
Preceptor

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Head of the Institution
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DIRECTOR
Aware Global Hospital





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Reg.No- 15GN1T0005



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Aware Global Hospital, L.B.Nagar
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M.R.Krish
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Head of the Institution
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Gunthapally (V), Abdullapurmet (M),
R.R. Dist.

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GMERF,
Aware Global Hospital





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Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

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This is to certify that

GUNDLA SHARANYA

Reg.No- 15GN1T0006



of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist

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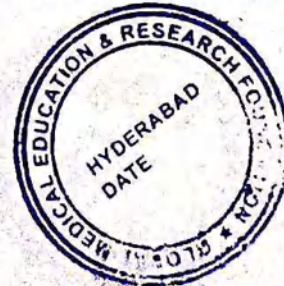
Appendix C of Pharm D Regulations 2008.

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M.R.Krish
Preceptor

[Signature]
Head of the Institution
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Gunthapally (V), Abdullapurmet (M),
R.R. Dist.

[Signature]
DIRECTOR
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Aware Global Hospital





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Gunthapally(V), Abdullapurmet(M),Ranga Reddy Dist.501512

CERTIFICATE OF INTERNSHIP



This is to certify that
HALAVATH SNEHA LATHA
Reg.No- 15GNIT0007

of Avanthi Institute of Pharmaceutical Sciences , Gunthapally, Abdullapurmet ,R.R. Dist
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M.R. Kiran
Preceptor

[Signature]
Head of the Institution
Avanthi Institute of Pharmaceutical Sciences
Gunthapally (V), Abdullapurmet (M),
R.R. Dist.

[Signature]
DIRECTOR
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Aware Global Hospital





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Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

CERTIFICATE OF ASSESSMENT OF INTERNSHIP

FOR THE FULFILMENT OF AWARD OF DOCTOR OF PHARMACY –PHARM D
ACADEMIC YEAR 2015-2021

Name of Student- HALAVATH SNEHA LATHA

Reg.No -15GNIT0007

Sl No	Assessment Criteria	Score Secured (0-5)
1	Proficiency of knowledge required for each case management	4
2	The Competency in skills expected for providing clinical Pharmacy Services	4
3	Responsibility , punctuality , work up of case , involvement in patient care	4
4	Ability to work in a team (Behavior with other health care professionals including medical doctors, nursing staff and colleagues)	4
5	Initiative, Participation in discussions , research aptitude	4

Intern's performance is evaluated using the following scoring system

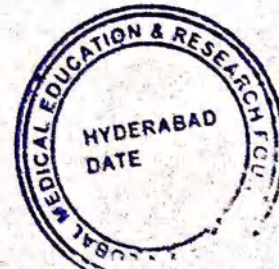
Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

Note-A score of 3 and above represents satisfactory completion of internship.
This certificate of assessment of internship [is issued on satisfactory completion of training/internship.

M.R.K...
Preceptor

Head of the Institution
Avanthi Institute of Pharmaceutical Sciences
Gunthapally (V), Abdullapurmet (M),
R.R. Dist.

...
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Aware Global Hospital





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Gunthapally(V), Abdullapurmet(M), Ranga Reddy Dist.501512

CERTIFICATE OF INTERNSHIP

This is to certify that
K SHIVA KRISHNA GOUD
Reg.No- 15GNIT0008



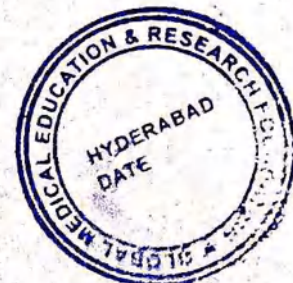
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M.R.Krish
Preceptor

[Signature]
PRINCIPAL
Head of the Institute of Pharmaceutical Sciences
Avanthi Institute of Pharmaceutical Sciences
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy Dist. 501512

[Signature]
DIRECTOR
GMERF,
Aware Global Hospital



**“A RETRO-PROSPECTIVE OBSERVATIONAL STUDY ON
ASSESSMENT ANTIBIOTIC USE AND ANTIBIOTIC
RESISTANCE IN A TERTIARY CARE HOSPITAL”**

PROJECT WORK



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad,

In partial fulfillment of the requirements for the Degree of

Doctor of Pharmacy (Pharm. D)

Submitted By

A. PRIYANKA [16GN1T0001]

A. CHANDANA [16GN1T0003]

D. SHASHIDHAR [16GN1T0004]

D. GOUTHAM GOUD [16GN1T0005]

UNDER THE GUIDANCE OF

HOSPITAL GUIDE	COLLEGE GUIDE
Dr. PRITHIV RAJ. K MBBS. MEM, DEM. Emergency Physician. Gleneagles Aware Global Hospitals, Hyderabad.	Dr. K. BALAJI M. Pharm, Ph. D, Professor, Principal Dr. A. ANUSHA Pharm. D, Assistant Professor, Dept. of Pharmacy Practice Avanthi Institute of Pharmaceutical Sciences, Abdullapurmet - 501512



Avanthi Institute of Pharmaceutical Sciences

Gunthapally, R.R District, Abdullapurmet, Telangana- 501512

July- 2021

A TWO-CENTRED RETROSPECTIVE STUDY ON THE UTILIZATION OF TOCILIZUMAB IN PATIENTS WITH SEVERE COVID-19

PROJECT REPORT



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad,

In partial fulfillment of the requirements for the Degree of

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Submitted By

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L. PREETHI SAGAR [16GN1T0024]

M. KAVYA [16GN1T0025]

M. KAMALA SIRISHA [16GN1T0026]

UNDER THE GUIDANCE OF

INSTITUTIONAL GUIDE	HOSPITAL GUIDE
Dr. JITENDRA PATEL M. Pharm, Ph.D., Associate Professor, Dept. of Pharmaceutical Sciences	Dr. MANEENDRA SINGARAPU MD, FND, EDIC Sr. Consultant Internal Medicine and Critical Care
Dr. RAJESHU DASARI Pharm. D, Asst. Professor, Dept. of Pharmacy Practice Avanathi Institute of Pharmaceutical Sciences	Gleneagles Global Hospital



Avanathi Institute of Pharmaceutical Sciences

Gunthapally, R.R District, Abdullapurmet, Telangana- 501512

July- 2021

A RETROSPECTIVE STUDY ON THE OUTCOME OF COVID PATIENTS RECEIVING CONVALESCENT PLASMA IN THE 1ST WEEK COMPARED TO 2ND WEEK AND NON-PLASMA RECEIVERS.

PROJECT REPORT



*Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad,
In partial fulfillment of the requirements for the Degree of
Doctor of Pharmacy (Pharm. D)*

Submitted By

Y. SANDHYA [16GN1T0014]

AFSHA BEGUM [16GN1T0015]

B. LEENA PRIYA [16GN1T0016]

E. SAIKRISHNA REDDY [16GN1T0017]

UNDER THE GUIDANCE OF

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<p>Dr. NIHAR RANJAN DAS Ph.D., Vice Principal</p> <p>Dr. K. ANUSHA Pharm. D, Asst. Professor Dept. of Pharmacy Practice Avanathi Institute of Pharmaceutical Sciences</p>	<p>Dr. SWATHI REDDY - MBBS MEM Consultant- Emergency Physician</p> <p>Dr. MANEENDRA – MD, FND, EDIC Sr. Consultant Internal Medicine and Critical Care Gleneagles Global Hospital</p>



Avanathi Institute of Pharmaceutical Sciences Gunthapally,
R.R District, Abdullapurmet, Telangana- 501512

July- 2021

A PROSPECTIVE OBSERVATIONAL STUDY ON DRUG UTILIZATION EVALUATION OF ANTIPLATELET AGENTS IN CARDIOVASCULAR DISEASE IN A TERTIARY CARE HOSPITAL

PROJECT WORK



Dissertation work submitted to Jawaharlal Nehru Technological University, Hyderabad,

In partial fulfillment of the requirements for the Degree of

Doctor of Pharmacy (Pharm. D)

Submitted By

M.LAKSHMI SOWJANYA[16GN1T0010]

M.VARSHA[16GN1T0011]

M.SWATHI[16GN1T0012]

T.KAVYA[16GN1T0013]

UNDER THE GUIDANCE OF

HOSPITAL GUIDE	COLLEGE GUIDE
Dr.M. SAI SUDHAKAR MD. DM. FRCP(EDIN), FACC(U.S.A) Director-Cath lab Chief Interventional Cardiologist Chief Cardiac Transplant Physician Gleneagles Global Hospital, Lakdikapul.	Dr.K. ANUSHA PharmD. Assistant Professor, Department of Clinical Pharmacy Avanathi Institute of Pharmaceutical Sciences Abdullahpurmet-501512



Avanathi Institute of Pharmaceutical Sciences

Gunthapally, R.R District, Abdullahpurmet, Telangana- 501512

JULY- 2021

A PROSPECTIVE OBSERVATIONAL STUDY ON IMPACT
OF POLYPHARMACY IN CO-MORBID CHRONIC
DISEASED CONDITIONS

PROJECT REPORT



Dissertation work submitted to
Jawaharlal Nehru Technological University Hyderabad
In partial fulfilment of the requirement
for the award of degree of
Doctor Of Pharmacy (Pharm D)

Submitted By

ETTIKAL SUKUMARAN VINAY KUMAR (16GN1T0006)

GADDE TEJASWI (16GN1T0007)

KESIREDDY PREETHI REDDY (16GN1T0008)

KOTHA KRISHNA SAHITHI REDDY (16GN1T0009)

UNDER THE GUIDANCE OF

Institutional Guide	Hospital Guide
Dr. B. Manjula, M Pharm[Ph D], Associate Professor Dr .K. Anusha, Pharm D, Assistant Professor, Dept. Of Pharmacy Practice, Avanthi Institute of Pharmaceutical Sciences.	Dr. Srinivasa Chary MBBS, MD (INTERNAL MEDICINE), Gleneagles Global Hospitals.



AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES
GUNTAPALLY(V), ABDULLAPURMET(M), HYDERABAD
TELANGANA- 501512

JULY- 2021

**TWO CENTERED PROSPECTIVE OBSERVATIONAL STUDY ON
EFFECTIVE MONITORING OF NORMOGLYCAEMIC STATE IN
HOSPITALIZED DIABETIC PATIENTS IN TERTIARY CARE
HOSPITAL**

PROJECT REPORT



*Dissertation work submitted to Jawaharlal Nehru Technological University,
Hyderabad,*

*In partial fulfillment of the requirement for the award of degree of Doctor
of Pharmacy (PharmD)*

Submitted By

G. MADHURI	[16GN1T0018]
M. BHAVITHA	[16GN1T0019]
A. SINDHU	[16GN1T0021]
K. MANASA	[16GN1T0022]

UNDER THE GUIDANCE OF

ACADEMIC GUIDE	HOSPITAL GUIDE
Dr. A. Anusha Pharm-D Assistant Professor, Dept. Of Pharmacy Practice, Avanathi Institute of Pharmaceutical Sciences.	Dr. A. SRINIVASA CHARY MBBS, MD(General Medicine) Consultant General Physician Gleneagles Global Hospital, Hyderabad.



**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES,
GUNTHAPALLY(V), ABDULLAPURMET(M), HYDERABAD, TELANGANA - 501512.**

JULY-2021

**A PROSPECTIVE OBSERVATIONAL STUDY TO ASSESS THE
EFFICACY OF ASPIRIN AND TICAGRELOR IN CORONARY
ARTERY DISEASE PATIENTS IN TERTIARY CARE
HOSPITAL**

PROJECT REPORT



*Dissertation work to Jawaharlal Nehru Technological University, Hyderabad,
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S. SATYAPAL [16GNIT0029]

K. GOUTHAMI [16GNIT0030]

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Dr. Mungi Rama Krishna M.Pharm, PhD Dr. V. Sai Kiran PharmD, Asst. Professor, Dept of Pharmacy Practice, Avanathi Institute of Pharmaceutical Sciences.	Dr. V. Mukesh Rao MBBS,DM(cardiology), M.D(Internal Medicine)FSCAI,FESC Senior consultant Interventional cardiologist, Glenengles Global Hospital, Hyderabad.



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JULY-2021